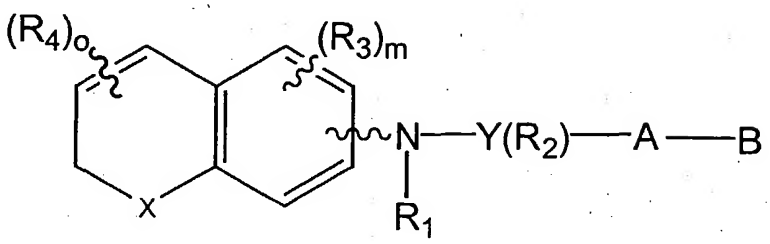
WHAT IS CLAIMED IS:

1. A compound of the formula



where **X** is O, S, or $C(R)_2$;

R is H or alkyl of 1 to 6 carbons;

R_1 is H, alkyl of 1 to 10 carbons, alkenyl of 2 to 6 carbons; phenyl-C_1 - C_6 alkyl, or C_1 - C_6-alkylphenyl;

R_2 is H, alkyl of 1 to 6 carbons, F, Cl, Br, I, CF_3, fluoro substituted alkyl of 1 to 6 carbons, alkoxy of 1 to 6 carbons, or alkylthio of 1 to 6 carbons;

R_3 is independently alkyl of 1 to 6 carbons, F, Cl, Br, I, CF_3, fluoro substituted alkyl of 1 to 6 carbons, OH, SH, alkoxy of 1 to 10 carbons, fluoroalkoxy of 1 to 6 carbons, alkylthio of 1 to 6 carbons; benxyloxy, C_1 - C_6 alkyl substituted benzyloxy, halogen substituted benzyloxy, phenyloxy, C_1 - C_6 alkyl substituted phenyloxy, or halogen substituted phenyloxy;

R_4 is independently H, alkyl of 1 to 6 carbons, or F;

Y is a phenyl or naphthyl group, or heteroaryl selected from a group consisting of pyridyl, thienyl, furyl, pyridazinyl, pyrimidinyl, pyrazinyl, thiazolyl, oxazolyl, imidazolyl and pyrrazolyl, said phenyl and heteroaryl groups being optionally substituted with one or two R_2 groups;

m is an integer having the values 0 to 3;

o is an integer having the values 0 to 4;

A is $(CH_2)_q$ where q is 0-5, lower branched chain alkyl having 3-6 carbons, cycloalkyl having 3-6 carbons, alkenyl having 2-6 carbons and 1 or 2 double bonds, alkynyl having 2-6 carbons and 1 or 2 triple bonds, and

B is hydrogen, COOH, $COOR_8$, $CONR_9R_{10}$, $-CH_2OH$, CH_2OR_{11}, CH_2OCOR_{11}, CHO, $CH(OR_{12})_2$, $CHOR_{13}O$, $-COR_7$, $CR_7(OR_{12})_2$, $CR_7OR_{13}O$, or tri-lower alkylsilyl, where R_7 is an alkyl, cycloalkyl or alkenyl group containing 1 to 5 carbons, R_8 is an alkyl group of 1 to 10 carbons or trimethylsilylalkyl where the alkyl group has 1 to 10 carbons, or a cycloalkyl group of 5 to 10 carbons, or R_8 is phenyl or lower alkylphenyl, R_9 and R_{10} independently are hydrogen, an alkyl group of 1 to 10 carbons, or a cycloalkyl group of 5-10 carbons, or phenyl or lower alkylphenyl, R_{11} is lower alkyl, phenyl or lower alkylphenyl, R_{12} is lower alkyl, and R_{13} is divalent alkyl radical of 2-5 carbons, or a pharmaceutically acceptable salt of said compound.

2. A compound in accordance with Claim 1 where **X** is $C(\mathbf{R})_2$.

3. A compound in accordance with Claim 1 where the **Y** group is selected from phenyl, pyridyl, thienyl and furyl.

4. A compound in accordance with Claim 1 where **X** is S.

5. A compound in accordance with Claim 1 where **X** is O.

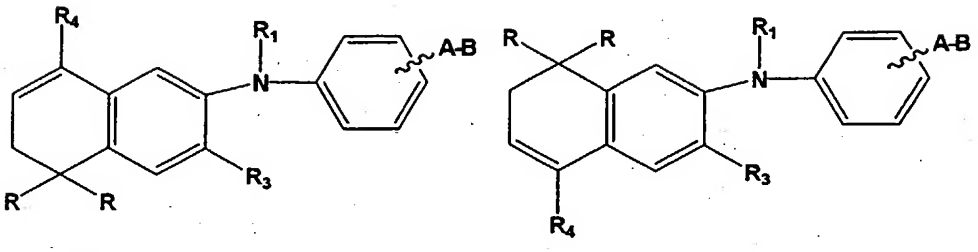
6. A compound in accordance with Claim 1 where the **A-B** group represents $(CH_2)_qCOOR_8$ or $(CH_2)_qCOOH$ where **q** is 0, or a pharmaceutically acceptable salt thereof.

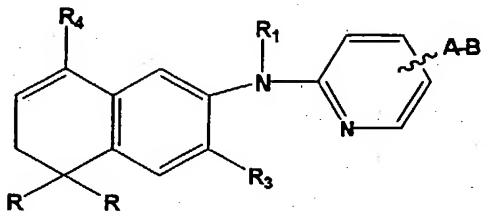
7. A compound in accordance with Claim 1 where $\mathbf{R_1}$ is alkyl of 1 to 10 carbons or alkenyl of 2 to 6 carbons.

8. A compound in accordance with Claim 1 where $\mathbf{R_4}$ is independently H or alkyl of 1 to 6 carbons.

9. A compound in accordance with Claim 1 where $\mathbf{R_1}$ is alkyl of 1 to 10 carbons or alkenyl of 2 to 6 carbons, $\mathbf{R_4}$ is independently H or alkyl of 1 to 6 carbons and the **A-B** group represents $(CH_2)_qCOOR_8$ or $(CH_2)_qCOOH$ where **q** is 0, or a pharmaceutically acceptable salt thereof.

10. A compound that has the structure of formula (i), (ii) or (iii)





where **R** is independently H or alkyl of 1 to 6 carbons;

$\mathbf{R_1}$ is H or alkyl of 1 to 10 carbons or alkenyl of 2 to 6 carbons;

$\mathbf{R_3}$ is independently alkyl of 1 to 6 carbons, F, Cl, Br, I, CF_3, fluoro substituted alkyl of 1 to 6 carbons, OH, SH, alkoxy of 1 to 10 carbons, fluoroalkoxy of 1 to 6 carbons, alkylthio of 1 to 6 carbons; benxyloxy, C_1 - C_6 alkyl substituted benzyloxy, halogen substituted benzyloxy, phenyloxy, C_1 - C_6 alkyl substituted phenyloxy, or halogen substituted phenyloxy;

$\mathbf{R_4}$ is H or alkyl of 1 to 6 carbons;

A is $(CH_2)_q$ where q is 0-5, lower branched chain alkyl having 3-6 carbons, cycloalkyl having 3-6 carbons, alkenyl having 2-6 carbons and 1 or 2 double bonds, alkynyl having 2-6 carbons and 1 or 2 triple bonds, and

B is hydrogen, COOH, $COOR_8$, $CONR_9R_{10}$, $-CH_2OH$, CH_2OR_{11}, CH_2OCOR_{11}, CHO, $CH(OR_{12})_2$, $CHOR_{13}O$, $-COR_7$, $CR_7(OR_{12})_2$, $CR_7OR_{13}O$, or tri-lower alkylsilyl, where R_7 is an alkyl, cycloalkyl or alkenyl group containing 1 to 5 carbons, R_8 is an alkyl group of 1 to 10 carbons or trimethylsilylalkyl where the alkyl group has 1 to 10 carbons, or a cycloalkyl group of 5 to 10 carbons, or R_8 is phenyl or lower alkylphenyl, R_9 and R_{10} independently are hydrogen, an alkyl group of 1 to 10 carbons, or a cycloalkyl group of 5-10 carbons, or phenyl or lower alkylphenyl, R_{11} is lower alkyl, phenyl or lower alkylphenyl, R_{12} is lower alkyl, and R_{13} is divalent alkyl radical of 2-5 carbons, or a pharmaceutically acceptable salt of said compound.

11. A compound in accordance with Claim 10 that has the structural formula (i).

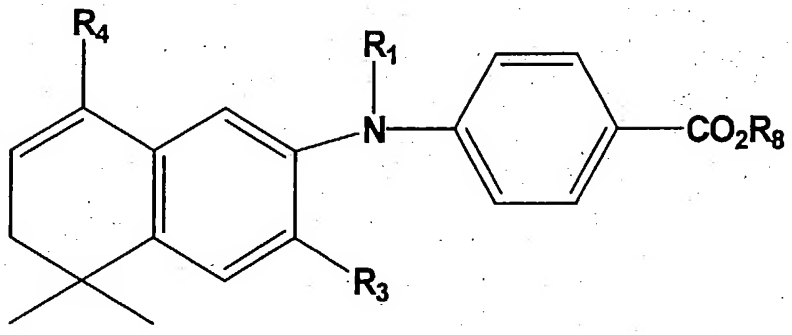
12. A compound in accordance with Claim 10 that has the structural formula (ii).

13. A compound in accordance with Claim 10 that has the structural formula (iii).

14. A compound in accordance with Claim 10 where $\mathbf{R_4}$ and $\mathbf{R_1}$ both are alkyl.

15. A compound in accordance with Claim 10 where the **A-B** group represents $(CH_2)_qCOOR_8$ or $(CH_2)_qCOOH$ where **q** is 0, or a pharmaceutically acceptable salt thereof.

16. A compound of the formula



where $\mathbf{R_1}$ is alkyl of 1 to 6 carbons or alkenyl of 2 to 6 carbons;

$\mathbf{R_3}$ is H, alkyl of 1 to 6 carbons, OH, or alkoxy of 1 to 10 carbons, benzyloxy; or C_1 - C_6 alkyl substituted benzyloxy;

$\mathbf{R_4}$ is alkyl of 1 to 6 carbons, and

$\mathbf{R_8}$ is H or alkyl of 1 to 6 carbons, or a pharmaceutically acceptable salt of said compound.

17. A compound in accordance with Claim 16 where $\mathbf{R_4}$ is methyl, ethyl, *iso*-propyl or *tertiary*-butyl.

18. A compound in accordance with Claim 16 where $\mathbf{R_1}$ is methyl, ethyl, *n*-propyl, allyl, or cyclopropylmethyl.

19. A compound in accordance with Claim 16 where $\mathbf{R_3}$ is H, methyl, ethyl, *n*-propyl, *iso*-propyl, methoxy, ethoxy, *n*-propyloxy, *iso*-propyloxy, *n*-butoxy, *n*-hexyloxy, *n*-heptyloxy, benzyloxy, 4-methylbenzyloxy, or 2,4-di-*t*-butylbenzyloxy.

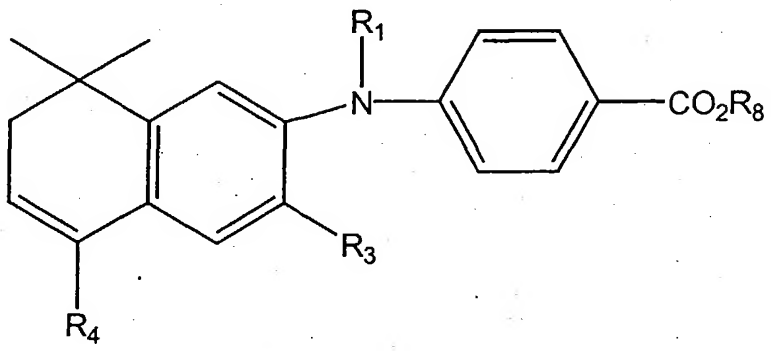
20. A compound in accordance with Claim 16 where $\mathbf{R_1}$ is methyl, ethyl, *n*-propyl, allyl, or cyclopropylmethyl;

$\mathbf{R_3}$ is H, methyl, ethyl, *n*-propyl, *iso*-propyl, methoxy, ethoxy, *n*-propyloxy, *iso*-propyloxy, *n*-butoxy, *n*-hexyloxy, *n*-heptyloxy, benzyloxy, 4-methylbenzyloxy, or 2,4-di-*t*-butylbenzyloxy, and

$\mathbf{R_4}$ is methyl, ethyl, *iso*-propyl or *tertiary*-butyl.

21. A compound in accordance with Claim 20 where $\mathbf{R_8}$ is H or ethyl.

22. A compound of the formula



where $\mathbf{R_1}$ is alkyl of 1 to 6 carbons or alkenyl of 2 to 6 carbons;

$\mathbf{R_3}$ is H, alkyl of 1 to 6 carbons, OH, or alkoxy of 1 to 10 carbons, or benzyloxy;

$\mathbf{R_4}$ is alkyl of 1 to 6 carbons, and

$\mathbf{R_8}$ is H or alkyl of 1 to 6 carbons, or a pharmaceutically acceptable salt of said compound.

23. A compound in accordance with Claim 22 where $\mathbf{R_4}$ is methyl, ethyl, *iso*-propyl or *tertiary*-butyl.

24. A compound in accordance with Claim 22 where $\mathbf{R_1}$ is methyl, ethyl, *n*-propyl, allyl, or cyclopropylmethyl.

25. A compound in accordance with Claim 22 where $\mathbf{R_3}$ is H, methyl, ethyl, *n*-propyl, *iso*-propyl, benzyloxy, methoxy, ethoxy, *n*-propyloxy, *iso*-propyloxy, *n*-hexyloxy, or *n*-heptyloxy.

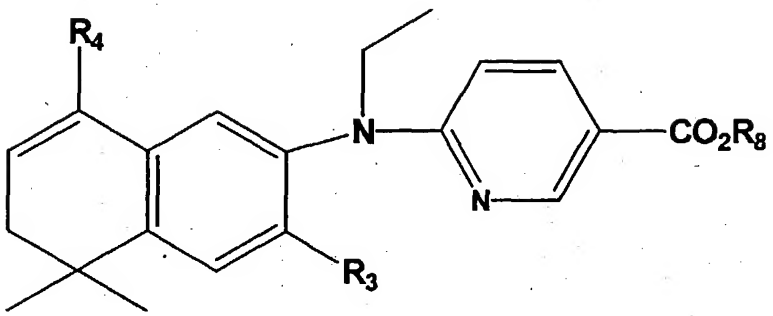
26. A compound in accordance with Claim 22 where $\mathbf{R_1}$ is methyl, ethyl, *n*-propyl, allyl, or cyclopropyl methyl;

$\mathbf{R_3}$ is H, methyl, ethyl, *n*-propyl, *iso*-propyl, benzyloxy, methoxy, ethoxy, *n*-propyloxy, *iso*-propyloxy, *n*-hexyloxy or *n*-heptyloxy, and

$\mathbf{R_4}$ is methyl, ethyl, *iso*-propyl or *tertiary*-butyl.

27. A compound in accordance with Claim 26 where $\mathbf{R_8}$ is H or ethyl.

28. A compound of the formula



where $\mathbf{R_3}$ is H, or alkyl of 1 to 6 carbons;

$\mathbf{R_4}$ is alkyl of 1 to 6 carbons, and

$\mathbf{R_8}$ is H or alkyl of 1 to 6 carbons, or a pharmaceutically acceptable salt of said compound.

29. A compound in accordance with Claim 28 where $\mathbf{R_4}$ is methyl, ethyl, *i*-propyl or *t*-butyl.

30. A compound in accordance with Claim 28 where $\mathbf{R_3}$ is H, or *n*-butyloxy.

31. A compound in accordance with Claim 28 where $\mathbf{R_8}$ is H or ethyl.

32. A compound in accordance with Claim 28 where $\mathbf{R_4}$ is methyl, ethyl, *i*-propyl or *t*-butyl;

$\mathbf{R_3}$ is H, or *n*-butyloxy, and $\mathbf{R_8}$ is H or ethyl.

33. A compound in accordance with Claim 32 where $\mathbf{R_8}$ is H or ethyl.